

FIG. 2

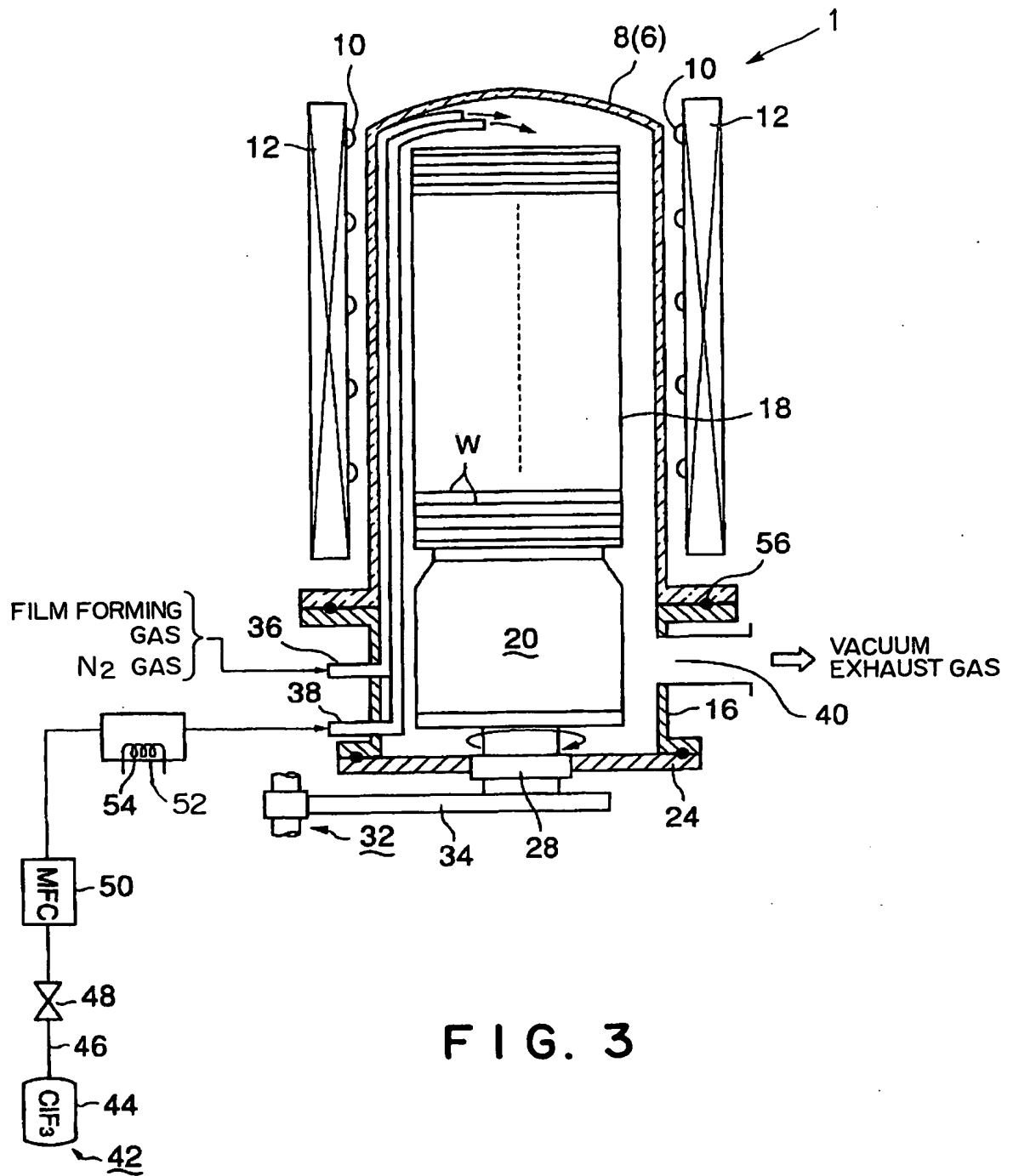


FIG. 3

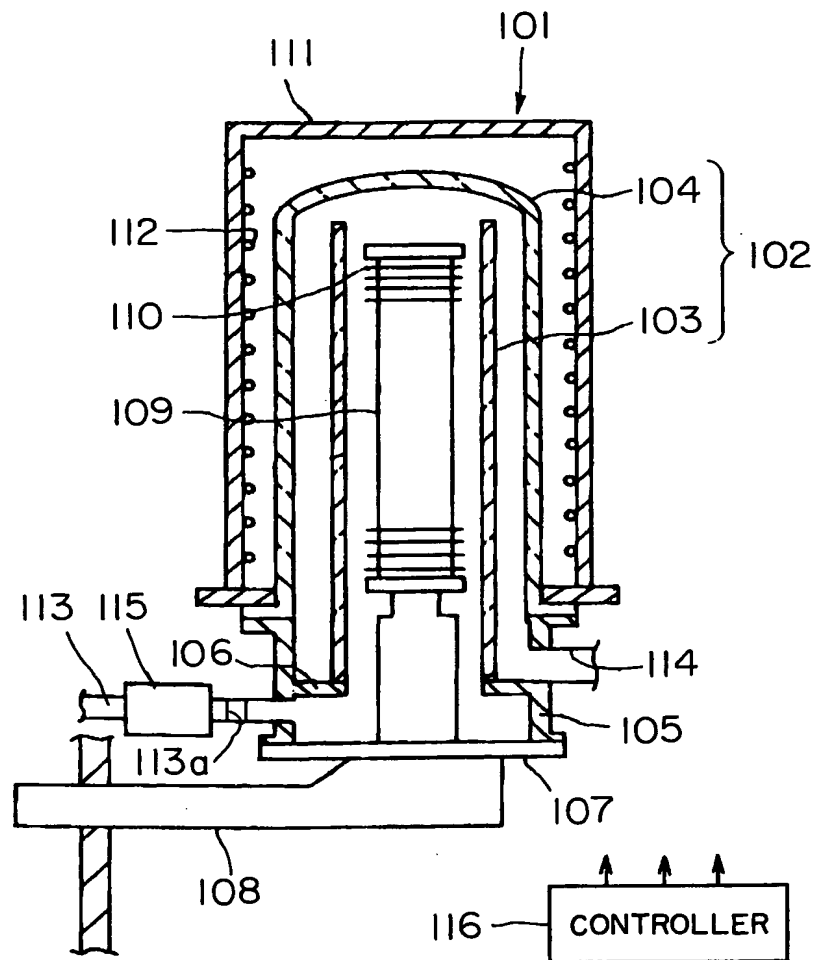


FIG. 4

HEATER \ REACTION TUBE	6 0 0 °C	7 0 0 °C	8 0 0 °C
NOT HEATED	$1.3 \times 10^{12}$	$2.2 \times 10^{11}$	$9.0 \times 10^{10}$
7 0 0 °C	$1.2 \times 10^{12}$	$2.0 \times 10^{11}$	$8.7 \times 10^{10}$
8 0 0 °C	$1.2 \times 10^{12}$	$6.4 \times 10^{10}$	$2.4 \times 10^{10}$
1 0 0 0 °C	$1.2 \times 10^{12}$	$4.7 \times 10^{10}$	$1.6 \times 10^{10}$

(a t o m s / c m <sup>2</sup>)

F I G. 5